

## Appendix L

MPS

**Outages by Cause  
Codes  
Total Outages  
(Events):**

<b>Equipment Failures:</b>  Post exclusions:		<b>Year</b>		<b>Total</b>					
		1996		1997					
				1998					
				1999		17			
				2000		26			
				2001		79			
				2002		74			
				2003		101			

<b>Tree Contact:</b>  Post exclusions:	<b>Year</b>	<b>Total</b>
	1996	
	1997	
	1998	
	1999	40
	2000	22
	2001	58
	2002	110
	2003	75

<b>Weather Related:</b>  Post Exclusions:	<b>Year</b>	<b>Total</b>
	1996	
	1997	
	1998	
	1999	17
	2000	45
	2001	52
	2002	24
	2003	164

## Appendix L

<b>Animal Contact:</b>	<b>Year</b>	<b>Total</b>	
Post Exclusions:	1996		
	1997	*	*MPS did not provide
	1998		data for animal contact.
	1999		
	2000		
	2001		
	2002		
	2003		

<b>Unknowns/Other:</b>	<b>Year</b>	<b>MPS</b>
Post Exclusions:	1996	
	1997	
	1998	
	1999	16
	2000	5
	2001	34
	2002	36
	2003	43

<b>All Categories included:</b>	<b>Year</b>	<b>MPS</b>
Post exclusions:	1996	
	1997	
	1998	
	1999	134
	2000	141
	2001	307
	2002	363
	2003	478

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<b><u>Tree/Weather/Unknowns/Combined:</u></b>	<b>Year</b>	<b>MPS</b>					
Post exclusions:	1996						
	1997						
	1998						
	1999	73					
	2000	72					
	2001	144					
	2002	170					
	2003	282					